



154.00 - 103
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THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975.

App 187
8/A
B. White
1-6-92

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **RECEIVED**

DEC 21 1992

In re application of :
Edwin SOUTHERN : Group Art Unit 1807 **GROUP 1800**
Serial No. 07/695,682 : Examiner A. Marschel
Filed May 3, 1991 :
ANALYSING POLYNUCLEOTIDE :
SEQUENCES :

RESPONSE

Honorable Commissioner of Patents and Trademarks
Washington, D.C.

Sir:

In response to the Official Action dated August 12, 1992,
the period for response having been extended for 1 month by the
attached Petition, please amend the present application as
follows:

IN THE SPECIFICATION

Rewrite the title as --APPARATUS AND METHOD FOR ANALYZING
POLYNUCLEOTIDE SEQUENCES--.

IN THE ABSTRACT OF THE DISCLOSURE

Rewrite as per the attached separate page.

IN THE CLAIMS

Claim 1, line 1, change "analysing" to --analyzing--;
line 3, before "the" insert --oligonucleotides
comprising--;
last line, change "hybridisation" to --
hybridization--.

2. (Amended) Apparatus for studying differences between
polynucleotide sequences, comprising a support and attached to a
surface thereof an array of oligonucleotides comprising the whole
or a chosen part of a complete set of oligonucleotides of chosen
lengths [comprising] corresponding to the polynucleotide
sequences, the [diferent] different oligonucleotides occupying
separate cells of the array and being capable of taking part in

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